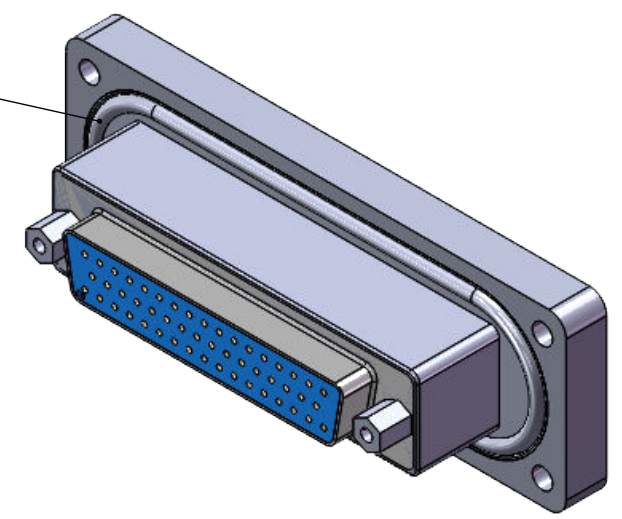


8 7 6 5 4 3 2 1

REVISIONS				
ZONE	REV.	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	04Nov2021	MN

2-140 VITON O-RING



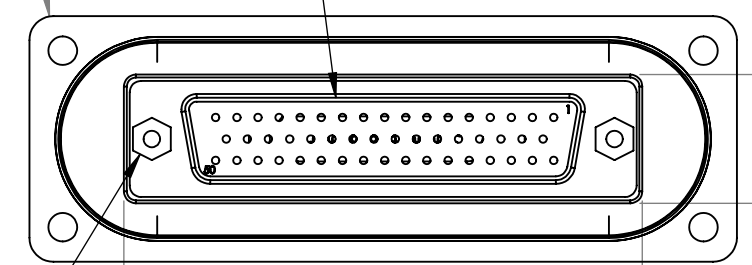
50 SOCKET CONNECTOR - MIL-C-24308 SERIES 109 INSULATOR WITH THERMOCOUPLE CONTACTS

304SS FLANGE

50 PIN CONNECTOR - MIL-C-24308 SERIES 109 WITH THERMOCOUPLE CONTACTS

4x Ø.149 MOUNTING HOLES FOR 6-32 UN OR 3mm SCREW

[3.18±0.25]
R.125±.010

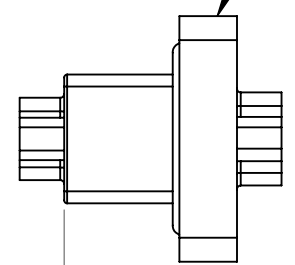


[17.02±0.25]
.67±.01

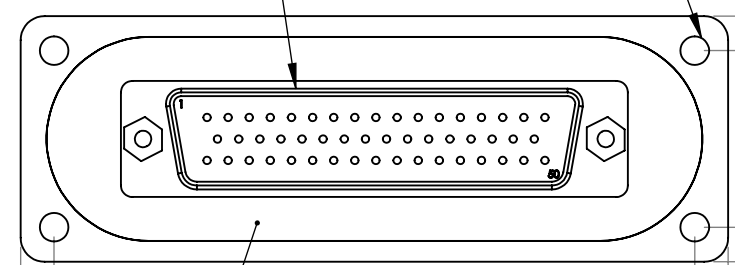
[68.58±0.25]
2.70±.01

4x 4-40 JACKPOST
NICKEL PLATED BRASS

[15.24±0.51]
.60±.02



[7.62±0.25]
.30±.01



[23.37]
.920

[32.51±0.51]
1.28±.02

[84.76]
3.337

[93.60±0.51]
3.69±.02

RHS-0525 EPOXY

NOTES:

1. ODD CIRCUITS 1, 3, 5, ...49 WITH ALUMEL CONTACTS AND WIRE. EVEN CIRCUITS 2, 4, 6, ...50 WITH CHROMEL CONTACTS AND WIRE.
2. CONNECTORS ARE WIRED 1 TO 1, 2 TO 2, ETC.
3. HELIUM LEAK TEST @ 1 ATM 1X10⁻⁸ STD-CC/SEC OR BETTER, VACUUM ON O-RING SIDE.
4. HYPOT 500VDC 500 MEGOHMS .01 SECOND MINIMUM.
5. CONTINUITY TEST <3 Ohms CONNECTOR SHELL TO CONNECTOR SHELL (ISOLATED FROM SS FLANGE).
6. SEAL OPERATING TEMPERATURE -20C TO 130C.
7. SEE DRAWING CCSDxxF (50 PIN) FOR BULKHEAD CUTOUT.
8. DIMENSIONS ARE INCHES [MILLIMETERS], MILLIMETERS SHOWN FOR REFERENCE ONLY.
9. CUSTOM SIZES, WIRE OR FIBER OPTIC CONFIGURATIONS, & TESTS AVAILABLE, PLEASE CONTACT RHS FOR MORE INFORMATION.

UNLESS OTHERWISE SPECIFIED:	NAME	DATE
DIMENSIONS ARE IN INCHES	DRAWN	KS 04Nov2021
TOLERANCES:	CHECKED	
FRACTIONAL ±1/16	ENG APPR.	MN 04Nov2021
ANGULAR ±.5	MFG APPR.	
X. ±1 .X ±.1	Q.A.	
.XX ±.02 .XXX ±.005	PROPRIETARY AND CONFIDENTIAL	
INTERPRET GEOMETRIC TOLERANCING PER:	THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF RELIABLE HERMETIC SEALS. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF RELIABLE HERMETIC SEALS IS PROHIBITED.	
MATERIAL	SEE ABOVE	
FINISH		
DO NOT SCALE DRAWING		



TITLE: CONNECTOR SEAL CCSD50F-S1P1P1V TYPE K		
SIZE B	DWG. NO. 80181	REV A
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

8 7 6 5 4 3 2 1